THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 371, PART 2

1991 APRIL 10, Number 1

	Page	Fiche
PRELIMINARY RESULTS FROM THE COBE DIFFERENTIAL MICROWAVE RADIOMETERS: LARGE ANGULAR SCALE ISOTROPY OF THE COSMIC MICROWAVE BACKGROUND G. F. Smoot, C. L. Bennett, A. Kogut, J. Aymon, C. Backus, G. De Amici, K. Galuk, P. D. Jackson, P. Keegstra, L. Rokke, L. Tenorio, S. Torres, S. Gulkis, M. G. Hauser, M. A. Janssen, J. C. Mather, R. Weiss D. T. Wilkinson, E. L. Wright, N. W. Boggess, E. S. Cheng, T. Kelsall, P. Lubin, S. Meyer, S. H. Moseley, T. L. Murdock, R. A. Shafer, & R. F. Silverberg	LI	66-A7
A MEASUREMENT OF THE LARGE-SCALE COSMIC MICROWAVE BACKGROUND ANISOTROPY AT 1.8 MILLIMETER WAVELENGTH Stephan S. Meyer, Edward S. Cheng, & Lyman A. Page	L7	66-B3
PRIMORDIAL ⁴ He AS A TEST OF BIG BANG NUCLEOSYNTHESIS G. M. Fuller, R. N. Boyd, & J. D. Kalen	L11	66-B7
A LONG-LASTING COMPACT GROUP Fabio Governato, Rajiv Bhatia, & Guido Chincarini	L15	66-C1
ULTRAMASSIVE ($\sim 10^{11} M_{\odot}$) DARK CORE IN THE LUMINOUS INFRARED GALAXY NGC 6240? Jonathan Bland-Hawthorn, Andrew S. Wilson, & R. Brent Tully	L19	66-C7
PREMAXIMUM OBSERVATIONS OF THE TYPE Ia SN 1990N Bruno Leibundgut, Robert P. Kirshner, Alexei V. Filippenko, Joseph C. Shields, Craig B. Foltz, Mark M. Phillips, & George Sonneborn	L23	66-D1
MASS OUTFLOW IN THE NEARBY PROTO-PLANETARY SYSTEM β PICTORIS Frederick C. Bruhweiler, Yoji Kondo, & C. A. Grady	L27	66-D7
AN EXTREMELY HIGH VELOCITY CO OUTFLOW FROM NGC 7538 IRS 9 George F. Mitchell & Tatsuhiko I. Hasegawa	L33	66-E1
SPATIAL STRUCTURE OF THE INTERSTELLAR GAS TOWARD THE GLOBULAR CLUSTER M22 B. Bates & M. G. Catney	L37	66-E7
DYNAMIC MAGNETIC RECONNECTION AT AN X-TYPE NEUTRAL POINT I. J. D. Craig & A. N. McClymont	1.41	66-F1
LABORATORY DETECTION OF HC ₉ N USING A FOURIER TRANSFORM MICROWAVE SPECTROMETER Minoru Iida, Yasuhiro Ohshima, & Yasuki Endo	L45	66-F7
INSTRUCTIONS TO AUTHORS OF LETTERS	Inside Ba	ck Cover

1991 APRIL 20, Number 2

	Page	Fiche
BOSONS: HOT DARK MATTER WITH SMALL-SCALE POWER Jes Madsen	L47	73-A1
A COMPARISON OF C IV AND H β BROAD EMISSION-LINE PROFILES IN LOW-REDSHIFT ACTIVE GALACTIC NUCLEI Michael R. Corbin	L51	73-B1
DISCOVERY OF A NORMAL GALAXY AT z = 1.018 D. J. Thompson & S. Djorgovski	L55	73-B6

CONTENTS

	Page	Fiche
A WINDSWEPT COMETARY TAIL ON THE GALACTIC CENTER SUPERGIANT IRS 7 F. Yusef-Zadeh & Mark Morris	L59	73-B10
GRAVITATIONAL MICROLENSING OF THE GALACTIC BULGE STARS B. Paczyński	L63	73-C4
A RECIPE FOR MAKING HOT ACCRETION DISKS Gunnlaugur Björnsson & Roland Svensson	L69	73-C10
OPACITY TABLES FOR CEPHEID VARIABLES Carlos A. Iglesias & Forrest J. Rogers	L73	73-D1
DETECTION OF LOCAL INTERSTELLAR CO ABSORPTION TOWARD BL LACERTAE Alan P. Marscher, Thomas M. Bania, & Zhong Wang	L77	73-D7
A NEW METHOD FOR ANALYZING IRAS DATA TO DETERMINE THE DUST TEMPERATURE DISTRIBUTION Taoling Xie, Paul F. Goldsmith, & Weiman Zhou	L81	73-D12
ATOMIC OXYGEN FINE-STRUCTURE SPLITTINGS WITH TUNABLE FAR-INFRARED SPECTROSCOPY Lyndon R. Zink, Kenneth M. Evenson, Fusakazu Matsushima, Thomas Nelis, & Ruth L. Robinson	L85	73-E3
INSTRUCTIONS TO AUTHORS OF LETTERS	Inside Back Cover	

